

07-16-2003



R SHEET

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Patent and Trademark Office

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To the Honorable Commissioner

102497428

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Eneco, Inc.

7.14.03

2. Name and address of receiving party(ies):

Name: C.P. Baker Securities, Inc.

Address: 303 Congress Street, Suite 103

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

City: Boston

State/Prov.: MA

Country: USA

ZIP: 02210

Execution Date: March 31, 2003

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

See Attachment A

B. Patent No.(s)

See Attachment B

Additional numbers

☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Dana L. Tangren

Registration No. 37,246

Address:



022913

PATENT TRADEMARK OFFICE

City:

State/Prov.:

07/15/2003 MAILER 00000159 60020453

01-FC-0021

ZIP:

600.00 DP

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 600.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

23-3178

(Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Dana L. Tangren

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D. C. 20231PATENT
REEL: 014250 FRAME: 0725

Attachment A**4. Application number(s) or patent number(s):**

Patent Application No.	Filing Date
60/028,453	10/10/1996
60/123,900	03/11/1999
60/213,564	06/22/2000
60/293,059	05/21/2001
10/145,460	05/13/2002
10/243,455	09/13/2002
10/307,241	11/27/2002

Attachment B**B. Patent No.(s)**

6,489,704 B1

6,396,191 B1

5,632,870

5,644,184

5,653,800

5,792,256

PCT/US00/05975

PCT/US01/07046

SCHEDULE B

WHEN RECORDED RETURN TO:

PATENT APPLICATION
DOCKET: 13693.21

WORKMAN, NYDEGGER & SEELEY
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

ASSIGNMENT

Whereas, ENECO, Inc., a corporation of the state of Utah, having a place of business at 391 B Chipeta Way, Salt Lake City, Utah 84108, is the owner of the entire right, title and interest in the patent applications and issued patents listed in Schedule A (hereinafter "the Patents"); and

Whereas, C.P. Baker Securities, Inc., a corporation of the state of Massachusetts, having a place of business at 303 Congress Street, Suite 301, Boston, MA 02210 as agent for the holders of certain secured obligations of ENECO, Inc. (the "Holders"), is desirous of acquiring the entire right, title and interest in the Patents as security for said obligations;

Now, Therefore, in consideration of the sum of Ten Dollars (\$10.00) paid by C.P. Baker Securities, Inc. to ENECO, Inc. and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ENECO, Inc. has sold, assigned and transferred and by these presents does hereby sell, assign and transfer unto C.P. Baker Securities, Inc. as agent for the Holders, the entire right, title and interest in the Patents and in and to any and all divisions, reissues, continuations and extensions thereof, all said rights to be held and enjoyed by the Holders for their own use and enjoyment and for the use and enjoyment of their successors and assigns to the full end of the term or terms for which Letters Patent may be granted thereon as fully and entirely as the same would have been held and enjoyed by ENECO, Inc. if this assignment, transfer and sale had not been made.

Dated this 31st day of March 2003.

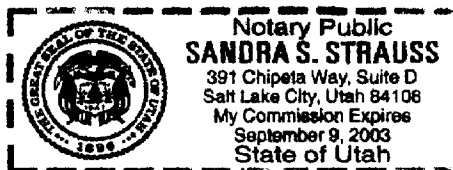
ENECO, INC.

By [Signature]

Name: HAROLD L. BROWN

Title: President & CEO

STATE OF UTAH)
: ss.
COUNTY OF SALT LAKE)



On March 31, 2003, before me personally appeared Harold L. Brown, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that she/he has read the same and knows the contents thereof and that she/he executed the same as her/his free act and deed and for the purposes set forth therein.

[Signature: Sandra S. Strauss]
NOTARY PUBLIC
Residing at SALT LAKE COUNTY UT

My Commission Expires:
9 Sept 03

Dated this 28 day of March 2003.

C.P. BAKER SECURITIES, INC.

By [Signature]

Name: Christopher Perry Baker

Title: President

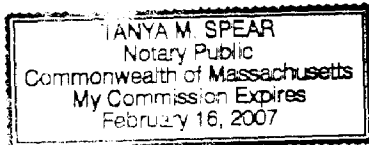
STATE OF MA)
: ss.
COUNTY OF Suffolk)

On 28 March, 2002, before me personally appeared CHRISTOPHER BAKER, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that she/he has read the same and knows the contents thereof and that she/he executed the same as her/his free act and deed and for the purposes set forth therein.

[Signature]
NOTARY PUBLIC
Residing at _____

My Commission Expires:

02/16/2007



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EXHIBIT A**I. United States Provisional Patent Applications.**

Serial No.	Filing Date	Title
60/028,453	October 10, 1996	Method and Apparatus for Energy Generation
60/123,900	March 11, 1999	Hybrid Thermionic Energy Converter and Method
60/213,564	June 22, 2000	Thermal Diode for Energy conversion
60/293,059	May 21, 2001	Solid-State Thermionic Refrigeration

II. United States Pending Patent Applications.

Serial No.	Filing Date	Title
10/145,460	May 13, 2002	Solid-State Thermionic Refrigeration
10/243,455	September 13, 2002	Tunneling-effect Energy Converters
10/307,241	November 27, 2002	Hybrid Thermionic Energy Converter and Method

III. United States Issued Patents.

Patent No.	Issue Date	Title
6,489,704 B1	December 3, 2002	Hybrid Thermionic Energy Converter and Method
6,396,191 B1	May 28, 2002	Thermal Diode for Energy Conversion
5,632,870	May 27, 1997	Energy Generation Apparatus
5,644,184	July 1, 1997	Piezo-Pyroelectric Energy Converter and Method
5,653,800	August 5, 1997	Method for producing N-Type Semiconducting Diamond
5,792,256	August 11, 1998	Method for producing N-Type Semiconducting Diamond

IV. Foreign Patent Applications.

Country	Application No.	Filing Date	Title
PCT	PCT/US00/05975	March 6, 2000	Hybird Thermionic Energy Converter and Method
Australia	60457/00	Sept. 5, 2001	Hybird Thermionic Energy Converter and Method
Canada	2-367.686	September 10, 2001	Hybird Thermionic Energy Converter and Method
China	00807179.9	October 31, 2001	Hybird Thermionic Energy Converter and Method
EPO	00946746.5	March 6, 2000	Hybird Thermionic Energy Converter and Method

Country	Application No.	Filing Date	Title
India	2001/00809	September 11, 2001	Hybird Thermionic Energy Converter and Method
South Korea	7011554/2001	September 11, 2001	Hybird Thermionic Energy Converter and Method
Mexico	PA/a/2001/009136	September 11, 2001	Hybird Thermionic Energy Converter and Method
Japan	2000-608,450	September 11, 2001	Hybird Thermionic Energy Converter and Method
Russian Federation	2001127535	March 6, 2000	Hybird Thermionic Energy Converter and Method
Israel	145,350	September 10, 2001 (effective of 3/6/00)	Hybird Thermionic Energy Converter and Method
PCT	PCT/US01/07046	March 6, 2001	Thermal Diode For Energy Conversion
Australia	68030/01	March 6, 2001	Thermal Diode For Energy Conversion
Brazil	010699001-1	March 6, 2001	Thermal Diode For Energy Conversion
Canada		August 29, 2002	Thermal Diode For Energy Conversion
China		March 6, 2001	Thermal Diode For Energy Conversion
EPO	01945922.1	March 6, 2001	Thermal Diode For Energy Conversion
India	2002/01219	March 6, 2001	Thermal Diode For Energy Conversion
Israel	151600	March 6, 2001	Thermal Diode For Energy Conversion
Japan	2001-567024	September 6, 2001	Thermal Diode For Energy Conversion
Mexico	2002/008675	September 5, 2002	Thermal Diode For Energy Conversion
Russia	2002126569	March 6, 2001	Thermal Diode For Energy Conversion
South Africa	2002/7730	March 6, 2001	Thermal Diode For Energy Conversion
South Korea	7011632/2002	September 5, 2002	Thermal Diode For Energy Conversion
Turkey			Thermal Diode For Energy Conversion

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